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PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

STEPHEN M. ALLEN ET AL.

CASE NO.: BB-1163USDIV

SERIAL NO.: UNKNOWN

GROUP ART UNIT: UNKNOWN

FILED: CONCURRENTLY HEREWITH

EXAMINER: UNKNOWN

FOR: PLANT SUGAR TRANSPORT
PROTEINS

Assistant Commissioner for Patents
Washington, DC 20231

Preliminary Amendment

This is submitted to facilitate prosecution of the above-identified application.

In the Claims

Kindly cancel claims 2-15.

Kindly add the following new claims:

--16. An isolated nucleic acid fragment comprising:

(a) a nucleotide sequence encoding a polypeptide having sugar transport protein activity, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:18, 20, 22, 24, 26 and 28 have at least 66% sequence identity; or

(b) the complement of the nucleotide sequence of (a).

17. The isolated nucleic acid fragment of claim 16, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:18, 20, 22, 24, 26 and 28 have at least 90% sequence identity.

18. The isolated nucleic acid fragment of claim 16, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:18, 20, 22, 24, 26 and 28 have at least 95% sequence identity.